Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 19 Oct 2022 until 23:59 on Thursday 20 Oct 2022

Forecast Issued on Tuesday 18 Oct 2022 at 15:27

Confidence: High becoming Medium in detail from Thursday.

Headline for Wednesday 19 Oct 2022: Very windy with gales over the tops. Dry and bright.

Mountain weather hazards on Wednesday 19 Oct 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales High Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Mist
Precipitation probability							
00%	00%	00%	<05%	20%	30%	30%	30%

Forecast for Wednesday 19 Oct 2022

Weather: Dry overnight with patchy cloud. A mainly dry and bright day but becoming very windy with gales over the higher tops. Some hazy sunshine at times, but patchy cloud possible around the tops at first and again late in the day, perhaps the odd shower. Some buffeting in easterly gales and a significant wind chill.

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Generally no significant cloud expected, but patches around 400m possible early and late in the day. Visibility very good, but poor or very poor in any early or later cloud over the tops.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Wednesday 19 Oct 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/30 E	20/32 E	22/35 E	27/38 E	28/38 E	27/39 E	30/42 E	27/38 E	23/33 E
300	12/21 NE	14/27 E	17/31 E	15/24 NE	19/29 E	20/33 E	26/42 E	25/41 E	20/32 E
Valley	18/33 E	18/33 E	17/31 E	18/35 E	21/37 E	21/39 E	21/41 E	19/39 E	15/32 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/1	6/1	6/1	7/2	8/4	9/4	7/2	7/2	8/3
300	8/5	8/5	8/5	10/6	11/8	11/8	10/6	9/5	10/6
Valley	9/5	9/5	9/5	10/7	12/8	12/8	10/7	10/7	11/8
Freezing Level*	1900m	2300m	2600m	2700m	2800m	2800m	2800m	2900m	2800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A marked temperature inversion above the summits leads to very gusty winds, 50, perhaps 60mph over the highest tops.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 18 Oct 2022	0.2mm	1mm	2.2mm

Forecast for Thursday 20 Oct 2022

Weather: Cloudy and overcast overnight and early morning with outbreaks of rain and drizzle. Skies brightening during the day with a few sunny spells possible in the afternoon. Low cloud and mist then possibly developing again in the evening.

Maximum wind: South or Southeast 10 to 15mph

Chance of cloud-free hill tops above 600m: 20% overnight and early morning, rising to 80% in the afternoon.

Low cloud and visibility: Extensive cloud overnight and early morning, base 100 to 300m, this mostly lifting and breaking by early afternoon, but could becoming occasional or extensive again, base below 300m later in the evening. Visibility moderate or poor in rain and drizzle, occasionally very poor at height, becoming mostly good or very good in the afternoon.

Temperature: **Valleys:** Plus 10 Celsius rising to 16 Celsius
At 600m: Plus 6 to 10 Celsius
Freezing level: Above the summits

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